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HOLSTON ARMY AMMUNITION PLANT  
RDX-Composition B Manufacturing Line 9  
Plant B (Area B)  
Kingsport Vicinity, Hawkins County, Tennessee

HAER-TN-10B

Photographed by: Robert A. Ryan and Bruce A. Harms

DENNETT, MUESSIG, RYAN & ASSOCIATES, LTD.  
Iowa City, Iowa

April 1986

- TN-10B-1      Building C-9; 3/4 view, looking SE; showing storage tanks on the west side of the building and the railroad tracks in foreground. (Ryan and Harms)
- TN-10B-2      Building D-9; 3/4 view, looking NE; showing relationship of reactor leg to building proper. (Ryan)
- TN-10B-3      Building D-9; interior view of second floor, looking SE; showing holdup tank and simmer tanks #12 and #13. (Ryan and Harms)
- TN-10B-4      Building E-9; 3/4 view, looking SE. (Ryan)
- TN-10B-5      Building E-9; view of top of wash tank showing agitator and RDX line entering tank; third floor, looking NW. (Harms and Ryan)
- TN-10B-6      Building E-9; view of glass lines for dilute liquor and spent acid; second floor, looking ESE. Bottom of wash tank is at the top of the view. (Ryan and Harms)
- TN-10B-7      Building G-9; 3/4 view, looking SE. Storage tanks for Building G-9 are in the foreground and the blast barricade for Building H-9 is in the background. (Ryan)
- TN-10B-B      Building G-9; view of No. 8 condenser and top of dissolve tank; third floor, looking S. (Ryan)
- TN-10B-9      Building G-9; view of screen pot on top of still; second floor, looking WNW. (Harms)
- TN-10B-10     Building G-9; view of still bottom and pump; first floor, looking W. (Ryan and Harms)

- TN-10B-11 Building H-9; 3/4 view, looking NW; showing relationship of wheeling ramp to building. (Ryan and Harms)
- TN-10B-12 Building H-9; 3/4 view, looking SE; showing relationship of blast barricade to building. (Ryan and Harms)
- TN-10B-13 Building H-9; view of stainless steel probes and vacuum line, looking W. (Ryan and Harms)
- TN-10B-14 Building O-9; 3/4 view, looking NE; showing relationship of blast barricades to building. (Ryan)
- TN-10B-15 Building K-9; junction of wheeling ramp with Building K-9, looking SE. (Harms)
- TN-10B-16 Building K-9; looking N at loading dock. The view also shows the system of routing pipes over the roadways. (Harms)
- TN-10B-17 Building L-9; view looking N, showing outside motor and shaft which powers the Composition B conveyor line on the inside of the building. (Ryan)
- TN-10B-18 Building L-9; view of the relationship between west holdup kettle and incorporation kettles; mezzanine, looking SE. (Ryan and Harms)
- TN-10B-19 Building L-9; view of west pelleting pot, showing its relationship to incorporation kettles; mezzanine, looking NW. (Harms and Ryan)
- TN-10B-20 Building L-9; view of east cooling and casting conveyor for Composition B, looking SE. (Harms and Ryan)
- TN-10B-21 Building L-9; "basement," view of west steam engine and gearing, looking SW. (Ryan and Harms)
- TN-10B-22 Building N-9; looking SSE along wheeling ramp. (Ryan)
- TN-10B-23 Building N-9; 3/4 view, looking NW at loading dock. The view also shows the relationship of the blast barricades to the building. (Ryan)
- TN-10B-24 Duplicate negative of an historic negative. "AERIAL VIEW OF AREA 'B' HOLSTON ORDNANCE WORKS." 1944. #OCNH 4-12.2ABAV3 in Super Explosives Program RDX and Its Composition A, B, & C, Record Group No. 319, National Archives, Washington, D.C.
- TN-10B-25 Photograph of a line drawing. "PART I, SECTION 8, ISOMETRIC OF LINE ONE ETC., MANUFACTURING AREA, PLANT B." From U.S. Army Corps of Engineers. Industrial Facilities Inventory, Holston Ordnance Works, Kingsport, Tennessee. Plant B, Parts II, III. (Nashville, TN: Office of the District Engineer, 1944).

- TN-10B-26 Photograph of a line drawing. "[PLAN LAYOUT AND CROSS SECTION OF] PART I, SECTION 8, BUILDINGS NO. C-1, C-3, C-5, C-6, C-7, C-9, MIXING, MANUFACTURING AREA, PLANT B AS OF 4-24-44." From the U.S. Army Corps of Engineers. Industrial Facilities Inventory, Holston Ordnance Works, Kingsport, Tennessee. Plant B, Parts II, III. (Nashville, TN: Office of the District Engineer, 1944).
- TN-10B-27 Photograph of a line drawing. "[PLAN LAYOUT AND CROSS SECTION OF] PART III, SECTION 1, EQUIPMENT LAYOUT, BUILDINGS C-1, C-3, C-5, C-6, C-7, C-9 INCL., MIXING, MANUFACTURING AREA, PLANT 'B'." From the U.S. Army Corps of Engineers. Industrial Facilities Inventory, Holston Ordnance Works, Kingsport, Tennessee. Plant B, Parts II, III. (Nashville, TN: Office of the District Engineer, 1944).
- TN-10B-28 Photograph of a line drawing. "ARCHITECTURAL FLOOR PLANS, SECTIONS & ELEVATIONS, BUILDING C, PLANT B." Holston Ordnance Works, Tennessee Eastman Corporation. July 7, 1942. Delineator: F. F. Stone. Drawing # 7651-1003.001.
- TN-10B-29 Photograph of a line drawing. "[CROSS SECTION AND PLAN LAYOUT OF] PART I, SECTION 8, BUILDINGS NO. D-1 TO D-10 INCL., NITRATION, MANUFACTURING AREA, PLANT B AS OF 4-24-44." From the U.S. Army Corps of Engineers. Industrial Facilities Inventory, Holston Ordnance Works, Kingsport, Tennessee. Plant B, Parts II, III. (Nashville, TN: Office of the District Engineer, 1944).
- TN-10B-30 Photograph of a line drawing. "[CROSS SECTION OF] PART III, SECTION 1, EQUIPMENT LAYOUT, BUILDINGS D-1 TO D-10 INCL., NITRATION, MANUFACTURING AREA, PLANT 'B'." From U.S. Army Corps of Engineers. Industrial Facilities Inventory, Holston Ordnance Works, Kingsport, Tennessee. Plant B, Parts II, III. (Nashville, TN: Office of the District Engineer, 1944).
- TN-10B-31 Photograph of a line drawing. "[PLAN LAYOUT OF] PART III, SECTION 1, EQUIPMENT LAYOUT, BUILDINGS D-1 TO D-10 INCL., NITRATION, MANUFACTURING AREA, PLANT 'B'." From U.S. Army Corps of Engineers. Industrial Facilities Inventory, Holston Ordnance Works, Kingsport, Tennessee. Plant B, Parts II, III. (Nashville, TN: Office of the District Engineer, 1944).
- TN-10B-32 Photograph of a line drawing. "REACTOR ARRANGEMENT, BUILDING 'O', PLANT 'B'." Holston Ordnance Works, Tennessee Eastman Corporation. October 21, 1942. Delineator: Unknown. Drawing # 7651-1004.228.
- TN-10B-33 Photograph of a line drawing. "EQUIPMENT FLOW SHEET, BUILDING 'D', PLANT 'B'." Holston Ordnance Works, Tennessee Eastman Corporation. August 4, 1942. Delineator: Hattaway. Drawing # 7651-1004.218.

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- TN-10B-34 Photograph of a line drawing. "[CROSS SECTION AND PLAN LAYOUT OF] PART I, SECTION 8, BUILDINGS NO. E-1 TO E-10 INCL., WASHING, MANUFACTURING AREA, PLANT B AS OF 4-24-44." From the U.S. Army Corps of Engineers. Industrial Facilities Inventory, Holston Ordnance Works, Kingsport, Tennessee. Plant B, Parts II, III. (Nashville, TN: Office of the District Engineer, 1944).
- TN-10B-35 Photograph of a line drawing. "[CROSS SECTION OF] PART III, SECTION 1, EQUIPMENT LAYOUT, BUILDINGS E-1 TO E-10 INCL., WASHING, MANUFACTURING AREA, PLANT 'B'." From the U.S. Army Corps of Engineers. Industrial Facilities Inventory, Holston Ordnance Works, Kingsport, Tennessee. Plant B, Parts II, III. (Nashville, TN: Office of the District Engineer, 1944).
- TN-10B-36 Photograph of a line drawing. "[PLAN LAYOUT OF] PART III, SECTION 1, EQUIPMENT LAYOUT, BUILDINGS E-1 TO E-10 INCL., WASHING, MANUFACTURING AREA PLANT 'B'." From the U.S. Army Corps of Engineers. Industrial Facilities Inventory, Holston Ordnance Works, Kingsport, Tennessee. Plant B, Parts II, III. (Nashville, TN: Office of the District Engineer, 1944).
- TN-10B-37 Photograph of a line drawing. "PART I, SECTION 8, BUILDINGS NO. G-1 TO G-10 INCL., PURIFICATION, MANUFACTURING AREA, PLANT B AS OF 4-24-44." From the U.S. Army Corps of Engineers. Industrial Facilities Inventory, Holston Ordnance Works, Kingsport, Tennessee. Plant B, Parts II, III. (Nashville, TN: Office of the District Engineer, 1944).
- TN-10B-38 Photograph of a line drawing. "PART III, SECTION 1, EQUIPMENT LAYOUT, BUILDINGS G-1 TO G-10 INCL., PURIFICATION, MANUFACTURING AREA, PLAN 'B'." From U.S. Army Corps of Engineers. Industrial Facilities Inventory, Holston Ordnance Works, Kingsport, Tennessee. Plant B, Parts II, III. (Nashville, TN: Office of District Engineer, 1944).
- TN-10B-39 Photograph of a line drawing. "SECTIONS SHOWING EQUIPMENT, BUILDING 'G'. Holston Ordnance Works, Tennessee Eastman Corporation. July 25, 1942. Delineator: E. E. Ellis. Drawing # 7651-1007-213.
- TN-10B-40 Photograph of a line drawing. "FLOW DIAGRAM FOR BUILDING G-1." Holston Army Ammunition Plant, Holston Defense Corporation. December 1, 1965. Delineator: V. N. J. Drawing # 7651-1007-528.
- TN-10B-41 Photograph of a line drawing. "3'-0" x 6'-0" x 2'-0" WOODEN NUTSCHE, BUILDING G." Holston Ordnance Works, Tennessee Eastman Corporation. September 24, 1942. Delineator: E. E. Ellis. Drawing # 7651-1007-218.
- TN-10B-42 Photograph of a line drawing. "[CROSS SECTION AND PLAN LAYOUT OF] PART I, SECTION 8, BUILDINGS NO. H-1 TO H-10 INCL., GRINDING, MANUFACTURING AREA, PLANT B AS OF 4-24-44." From the

U.S. Army Corps of Engineers. Industrial Facilities Inventory, Holston Ordnance Works, Kingsport, Tennessee. Plant B, Parts II, III. (Nashville, TN: Office of the District Engineer, 1944).

- TN-10B-43 Photograph of a line drawing. "PART III, SECTION 1, EQUIPMENT LAYOUT, BUILDINGS H-1 TO H-10 INCL., GRINDING, MANUFACTURING AREA, PLANT 'B'." From U.S. Army Corps of Engineers. Industrial Facilities Inventory, Holston Ordnance Works, Kingsport, Tennessee. Plant B, Parts II, III. (Nashville, TN: Office of the District Engineer, 1944).
- TN-10B-44 Photograph of a line drawing. "[PLAN LAYOUT OF] PART III, SECTION 1, EQUIPMENT LAYOUT, BUILDINGS H-1 TO H-10 INCL., GRINDING, MANUFACTURING AREA, PLANT 'B'." From U.S. Army Corps of Engineers. Industrial Facilities Inventory, Holston Ordnance Works, Kingsport, Tennessee. Plant B, Parts II, III. (Nashville, TN: Office of the District Engineer, 1944).
- TN-10B-45 Photograph of a published page. OPERATIONS IN "H" DR OEWATERING BUILDING: HOLSTON DEFENSE CORPORATION. "HOLSTON ARMY AMMUNITION PLANT." Page 16. (no date).
- TN-10B-46 Photograph of a published page. "OPERATIONS IN INCORPORATION BUILDINGS: HOLSTON DEFENSE CORPORATION. "HOLSTON ARMY AMMUNITION PLANT." Page 17. (no date).
- TN-10B-47 Photograph of a line drawing. "304 S.S. NUTSCHE BOX AND FILTER PROBES, BUILDING H." Holston Defense Corporation. June 24, 1955; revised 1958, 1960, 1965, 1968, 1982. Delineator: G. Sahlin. Drawing # 7651-1008/262.
- TN-10B-48 Photograph of a line drawing. "PART I, SECTION 8, BUILDINGS NO. I-1 TO I-10 INCL., NO. J-1 TO J-10 INCL., NO. L-1 TO L-10 INCL., NO. M-1 TO M-10 INCL., MANUFACTURING AREA, PLANT B AS OF 4-24-44." From the U.S. Army Corps of Engineers. Industrial Facilities Inventory, Holston Ordnance Works, Kingsport, Tennessee. Plant B, Parts II, III. (Nashville, TN: Office of the District Engineer, 1944).
- TN-10B-49 Photograph of a line drawing. "PART I, SECTION 8, BUILDINGS NO. K-1, K-3, K-5, K-7, K-9, K-10 OPENING, BUILDINGS NO. N-1 TO N-10 INCL., NAILING, MANUFACTURING AREA, PLANT B AS OF 4-24-44." From the U.S. Army Corps of Engineers. Industrial Facilities Inventory, Holston Ordnance Works, Kingsport, Tennessee. Plant B, Parts II, III. (Nashville, TN: Office of the District Engineer, 1944).
- TN-10B-50 Photograph of a line drawing. "AREA 8, GENERAL ASSEMBLY, BUILDINGS I, J, L, & M - LINES 9 & 10." Holston Army Ammunition Plant. March 13, 1967; revised November 15, 1967, January 3, 1968. Delineator: Unknown. Drawing # 7651-1009.454.

- TN-10B-51      Photograph of a line drawing. "AREA B, ARRANGEMENT OF KETTLES AND ORIVE PLAN, BUILDINGS I, J, L, & M - LINES 9 & 10." Holston Army Ammunition Plant. March 14, 1967; revised November 14, 1967, January 3, 1968. Oelineator: Unknown. Drawing # 7651-1009.456.
- TN-10B-52      Photograph of a line drawing. "PART I, SECTION 8, BUILDINGS NO. 0-1, 0-3, 0-5, 0-7, D-9, TESTING LABORATORY, MANUFACTURING AREA, PLANT B." From the U.S. Army Corps of Engineers. Industrial Facilities Inventory, Holston Ordnance Works, Kingsport, Tennessee. Plant B, Parts II, III. (Nashville, TN: Office of the District Engineer, 1944).
- TN-10B-53      Photograph of a line drawing. "PART I, SECTION 8, WHEELING RAMPS, LINES 1 TO 10, MANUFACTURING AREA, PLANT B." From the U.S. Army Corps of Engineers. Industrial Facilities Inventory, Holston Ordnance Works, Kingsport, Tennessee. Plant B, Parts II, III. (Nashville, TN: Office of the District Engineer, 1944).
- TN-10B-54      Photograph of a line drawing. "PART I, SECTION 8, TIMBER BARRICADES, MANUFACTURING AREA, PLANT B." From the U.S. Army Corps of Engineers. Industrial Facilities Inventory, Holston Ordnance Works, Kingsport, Tennessee. Plant B, Parts II, III. (Nashville, TN: Office of the District Engineer, 1944).